

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	fiber with lens near5 tip with remov\$4 near5 material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/21 10:47
L2	2	fiber with lens near5 tip same remov\$4 near5 material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/21 10:47
L3	3	fiber same lens near5 tip same remov\$4 near5 material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/21 10:48
L4	2	"4589897".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/21 10:48
S1	17	fiber with (remov\$3 etch\$3) with end with heat\$3 with lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/21 10:46
S2	2036	385/33.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 12:45
S3	1554	S2 and fiber with lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 12:45
S4	53	S3 and (remov\$3 etch\$3) with heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 12:47
S7	9	S4 and transparent with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 12:49

## EAST Search History

S8	17	fiber with (remov\$3 etch\$3) with end with heat\$3 with lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 15:08
S9	7	S8 and lens with etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:39
S11	5	S8 and HF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:15
S13	5	S8 and hydrofluoric adj acid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:16
S14	10	S8 and (convex concave planar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:19
S15	11	S8 and angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:21
S16	5	S8 and spark	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:21
S17	9	S8 and (glass polymer plastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:22
S18	29	fiber with lens with angle with ("15" "20") adj degree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:25
S19	0	S18 with heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:25

## EAST Search History

S20	292	fiber with lens with both adj end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:41
S21	0	fiber with lens with both adj end with heat\$3 with (remov\$3 etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:42
S22	4	fiber with lens with both adj end with heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:42
S23	1	fiber with lens with both adj end with (remov\$3 etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 14:43
S24	11	S8 and angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 15:08
S25	2	S8 and angle with lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 15:08
S26	2036	385/33.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/22 15:32
S27	511	fiber near5 taper\$3 same lens near5 taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 13:02
S28	491	fiber near5 taper\$3 with lens near5 taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 13:02
S29	17	fiber with (remov\$3 etch\$3) with end with heat\$3 with lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 13:03

## EAST Search History

S30	4	S29 and fiber near5 taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 13:03
S31	1877	fiber same lens same taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:14
S32	511	fiber near5 taper\$3 same lens near5 taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:14
S33	0	S32 same appl\$4 near5 energy near5 lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:15
S34	13	S32 same heat\$3 near5 lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:15
S35	8	("4915474"   "4946239"   "5011254"   "5013452"   "5037174"   "5117473"   "5177806"   "5247597").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 14:27
S37	4	S35 and fiber same lens same taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:28
S38	18	etch\$3 near3 liquid near3 oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/19 14:39